

This listing of claims will replace all prior versions, and listings, of claims in the application.

**LISTING OF CLAIMS:**

1. (Currently Amended) A radiation protection arrangement for screening radiation emitted by a radiation source, in particular an X-ray source, having

a screening element which comprises or includes a radiation protection material, and

a cover which is matched in shape to the screening element and completely surrounds the latter, it being possible to pull the cover over the screening element and completely separate it therefrom, and wherein, for the purpose of altering the length, there is provided a fixing device such that the cover, with the screening element arranged therein, is turnable up in at least one direction and fixed in the turned-up arrangement.

2. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein the cover comprises a material which can be sterilized using a suitable device or a suitable process.

Claim 3 (Cancelled).

4. (Currently Amended) A radiation protection arrangement according to Claim ~~[[3]]~~ 1, wherein

the fixing device is formed by press studs.

5. (Currently Amended) A radiation protection arrangement according to Claim ~~[[3]]~~ 1 wherein

the fixing device is formed by a hook-and-burr closure.

6. (Currently Amended) A radiation protection arrangement according to Claim ~~[[3]]~~ 1, wherein

the fixing device is formed by a tie closure.

7. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein the cover has means for securing it to a carrier element which holds the screening element.

8. (Previously Presented) A radiation protection arrangement according to Claim 7 wherein the means for securing are tapes.

9. (Previously Presented) A radiation protection arrangement according to Claim 7, wherein the means for securing are press studs.

10. (Previously Presented) A radiation protection arrangement according to Claim 7, wherein the means for securing are hook-and-burr closures.

11. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein the screening element is formed by a single blanket which includes an X-ray screening material, and the cover is formed by a sheath which is matched in its dimensions to the blanket and is open to one side.
12. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein the screening element comprises a plurality of slats arranged next to one another and including an X-ray screening material and are secured at one end to a common carrier element, the cover having a plurality of elongate sheaths for receiving a respective slat and connected to one another at one end by way of a common cuff.
13. (Previously Presented) A radiation protection arrangement according to Claim 12, wherein the slats are arranged such that they overlap.
14. (Previously Presented) A radiation protection arrangement according to Claim 12, wherein each sheath has its own fixing device for the purpose of altering the length.
15. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein the screening element includes a lead sheet or lead rubber blanket surrounded by a PVC cover.

16. (Previously Presented) A radiation protection arrangement according to Claim 15, wherein

the screening element has a lead equivalence value of approximately 0.5 mm.

17. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein it is arranged on the underside of a radiation protection panel.

18. (Previously Presented) A radiation protection arrangement according to Claim 1, wherein it forms a lower body protection arranged to the side of a medical operating or treatment table.

19. (Previously Presented) A cover for a screening element which comprises or includes a radiation protection material and is provided for use in a radiation protection arrangement for screening radiation emitted by a radiation source, in particular an X-ray source, the cover being constructed such that it can be pulled over the screening element and completely separated therefrom again.

20. (Previously Presented) A cover according to Claim 19, wherein

the cover comprises a material which can be sterilized using a suitable device or a suitable process.

21. (Previously Presented) A cover according to Claim 19, wherein  
for the purpose of altering the length, the cover can be turned up in at least one direction  
and fixed in the turned-up arrangement using a fixing device.
22. (Previously Presented) A cover according to Claim 19, wherein  
the cover is a sheath which is matched in its dimensions to the screening element and is  
open to one side.
23. (Previously Presented) A cover according to, Claim 19, wherein  
the cover has a plurality of elongate sheaths which are connected to one another at one  
end by way of a common cuff.
24. (Previously Presented) A cover according to, Claim 23, wherein  
each sheath has its own fixing device for the purpose of altering the length.